



PATENT & TRADEMARK EXAMINER  
DIV Docket No. IMPJ-0004

DA C 1.28c  
\$

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANT: Diorio, et al.  
SERIAL NO.: 10/681,577  
FILING DATE: October 7, 2003  
TITLE: Use Of Analog-Valued Floating-Gate Transistors To Match The Electrical Characteristics Of Interleaved And Pipelined Circuits  
Examiner: Unassigned  
Group art unit: 2816

2004 AUG 20 PM 2:40

AUG 20 2004

MAIL STOP STATUS & ENTITY BRANCH  
OFFICE OF FINANCE  
703-308-5077  
P.O. Box 1450  
Alexandria, VA 22313-1450

OFFICE OF PETITION

**WITHDRAWAL OF CLAIM TO SMALL ENTITY STATUS**

**Small Entity Was Established in Good Faith**

Applicants hereby submit that the small entity status in this case was established in good faith, and fees as a small entity were paid in good faith.

Applicants hereby withdraw the claim in the present application to Small Entity status as of the filing date of this application.

RECEIVED  
AUG 20 2004  
DIPE/JCWS

**Itemization of Deficiency Payment pursuant to 37 CFR 1.28(c)**

**1. Basic Statutory Filing Fee**

|  |          |
|--|----------|
| Basic Statutory Filing Fee (large entity)-fee code 1001                  | \$770.00 |
| Basic Statutory Filing Fee (small entity)-fee code 2001<br>paid 3/1/2004 | \$385.00 |
| Deficiency Amount Owed   | \$385.00 |

08/25/2004 DALLEN 00000029 10681577

01 FC:1461

450.00 DP

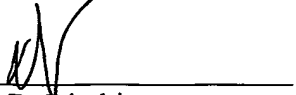
2. Additional Surcharge Fee

|                                     |                     |                  |
|-------------------------------------|---------------------|------------------|
| (large entity) – fee code 1051      | 2004 AUG 20 PM 2:40 | \$ 130.00        |
| (small entity) – fee code 2051      |                     | \$ 65.00         |
| Deficiency Amount Owed              |                     | \$ 65.00         |
| <b>Total Deficiency Amount Owed</b> |                     | <b>\$ 450.00</b> |

A check in the amount of total deficiency of **\$450.00** is herewith submitted. Please charge any additional required fee or credit any overpayment to our deposit account number 50-1698.

Respectfully submitted,  
THELEN REID & PRIEST, LLP

Dated: July 29, 2004

  
\_\_\_\_\_  
David B. Ritchie  
Reg. No. 31,562

Thelen Reid & Priest LLP  
P.O. Box 640640  
San Jose, CA 95164-0640  
Telephone: (408) 292-5800  
Fax: (408) 287-8040

01  
AUG 03 2004  
PATENT & TRADEMARK OFFICE

PTO/SB/21 (08-03)

Approved for use through 07/31/2006. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

|                        |                                 |
|------------------------|---------------------------------|
| Application Number     | 10/681,577                      |
| Filing Date            | 07-Oct-2003 2004 AUG 20 PM 2:40 |
| First Named Inventor   | Christopher J. Diorio           |
| Art Unit               | 2816                            |
| Examiner Name          | UNASSIGNED AUG 20 2004          |
| Attorney Docket Number | IMPJ-0004                       |

Total Number of Pages in This Submission

2

## ENCLOSURES (check all that apply)

☒ Fee Transmittal Form

☒ Fee Attached

☐ Amendment / Reply

☐ After Final

☐ Affidavits/declaration(s)

☐ Extension of Time Request

☐ Express Abandonment Request

☐ Information Disclosure Statement

☐ Certified Copy of Priority Document(s)

☐ Response to Missing Parts/ Incomplete Application

☐ Response to Missing Parts under 37 CFR 1.52 or 1.53

☐ Drawing(s)

☐ Licensing-related Papers

☐ Petition

☐ Petition to Convert to a Provisional Application

☐ Power of Attorney, Revocation Change of Correspondence Address

☐ Terminal Disclaimer

☐ Request for Refund

☐ CD, Number of CD(s) \_\_\_\_\_

☐ After Allowance Communication to Group

☐ Appeal Communication to Board of Appeals and Interferences

☐ Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)

☐ Proprietary Information

☐ Status Letter

☒ Other Enclosure(s)  
(please identify below):

**WITHDRAWAL OF CLAIM TO  
SMALL ENTITY STATUS;  
RETURN POSTCARD**

Remarks

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm  
or  
Individual name

DAVID B. RITCHIE

Signature

Date

JULY 29, 2004

## CERTIFICATE OF MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name

Diane Morse

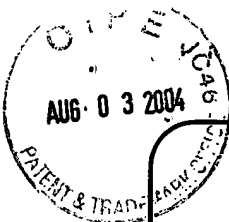
Signature

Date

JUL 26, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 450

Complete if Known

Application Number 10/681,577  
Filing Date 07-Oct.-2003  
First Named Inventor Christopher J. Diorio  
Examiner Name 2816  
Art Unit Unassigned  
Attorney Docket No. IMPJ-0004

2004 AUG 20

PM 2:40

| METHOD OF PAYMENT (check all that apply)  |  |  |  | FEE CALCULATION (continued)  |  |  |  |
|---|--|--|--|--|--|--|--|
| <input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money <input type="checkbox"/> Other <input type="checkbox"/> None Order  |  |  |  | <b>3. ADDITIONAL FEES</b>  |  |  |  |
| <input type="checkbox"/> Deposit Account:<br>Deposit Account Number 50-1698<br>Deposit Account Name Thelen Reid & Priest LLP  |  |  |  | Large Entity Small Entity  |  |  |  |
| <b>The Director is authorized to: (check all that apply)</b><br><input checked="" type="checkbox"/> Charge fee(s) indicated below <input checked="" type="checkbox"/> Credit any overpayments<br><input checked="" type="checkbox"/> Charge any additional fee(s) during the pendency of this application<br><input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account. |  |  |  | Fee Code Fee (\$)  |  |  |  |
| <b>1. BASIC FILING FEE</b>  |  |  |  | Fee Code Fee (\$)  |  |  |  |
| Large Entity Small Entity Fee Description Fee Paid  |  |  |  | Fee Description Fee Paid   |  |  |  |
| 1001 770 2001 385 Utility filing fee  |  |  |  | 1051 130 2051 65 Surcharge - late filing fee or oath                                       |  |  |  |
| 1002 340 2002 170 Design filing fee   |  |  |  | 1052 50 2052 25 Surcharge - late provisional filing fee or cover sheet.                    |  |  |  |
| 1003 530 2003 265 Plant filing fee  |  |  |  | 1053 130 1053 130 Non-English specification  |  |  |  |
| 1004 770 2004 385 Reissue filing fee  |  |  |  | 1812 2,520 1812 2,520 For filing a request for reexamination                               |  |  |  |
| 1005 160 2005 80 Provisional filing fee   |  |  |  | 1804 920* 1804 920* Requesting publication of SIR prior to Examiner action                 |  |  |  |
| SUBTOTAL (1) (\$0)  |  |  |  | 1805 1,840* 1805 1,840* Requesting publication of SIR after Examiner action                |  |  |  |
| <b>2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE</b>  |  |  |  | 1251 110 2251 55 Extension for reply within first month                                    |  |  |  |
| Total Claims 0 ** = 0 X 0 = 0   |  |  |  | 1252 420 2252 210 Extension for reply within second month                                  |  |  |  |
| Independent Claims 0 ** = 0 X 0 = 0   |  |  |  | 1253 950 2253 475 Extension for reply within third month                                   |  |  |  |
| Multiple Dependent Claims 0 X 0 = 0   |  |  |  | 1254 1,480 2254 740 Extension for reply within fourth month                                |  |  |  |
| Large Entity Small Entity Fee Description Fee Paid  |  |  |  | 1255 2,010 2255 1,005 Extension for reply within fifth month                               |  |  |  |
| 1202 18 2202 9 Claims in excess of 20   |  |  |  | 1401 330 2401 165 Notice of Appeal   |  |  |  |
| 1201 86 2201 43 Independent claims in excess of 3   |  |  |  | 1402 330 2402 165 Filing a brief in support of an appeal                                   |  |  |  |
| 1203 290 2203 145 Multiple dependent claim, if not paid   |  |  |  | 1403 290 2403 145 Request for oral hearing   |  |  |  |
| 1204 86 2204 43 ** Reissue independent claims over original patent  |  |  |  | 1451 1,510 1451 1,510 Petition to institute a public use proceeding                        |  |  |  |
| 1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent   |  |  |  | 1452 110 2452 55 Petition to revive - unavoidable  |  |  |  |
| SUBTOTAL (2) (\$0)  |  |  |  | 1453 1,330 2453 665 Petition to revive - unintentional                                     |  |  |  |
| *or number previously paid, if greater; For Reissues, see above   |  |  |  | 1501 1,330 2501 665 Utility issue fee (or reissue)   |  |  |  |
|   |  |  |  | 1502 480 2502 240 Design issue fee   |  |  |  |
|   |  |  |  | 1503 640 2503 320 Plant issue fee  |  |  |  |
|   |  |  |  | 1460 130 1460 130 Petitions to the Commissioner  |  |  |  |
|   |  |  |  | 1807 50 1807 50 Processing fee under 37 CFR 1.17 (q)                                       |  |  |  |
|   |  |  |  | 1806 180 1806 180 Submission of Information Disclosure Stmt                                |  |  |  |
|   |  |  |  | 8021 40 8021 40 Recording each patent assignment per property (times number of properties) |  |  |  |
|   |  |  |  | 1809 770 2809 385 Filing a submission after final rejection (37 CFR § 1.129(a))            |  |  |  |
|   |  |  |  | 1810 770 2810 385 For each additional invention to be examined (37 CFR § 1.129(b))         |  |  |  |
|   |  |  |  | 1801 770 2801 385 Request for Continued Examination (RCE)                                  |  |  |  |
|   |  |  |  | 1802 900 1802 900 Request for expedited examination of a design application                |  |  |  |
|   |  |  |  | Other fee (specify) additional fee for large entity 1001, 1051. Please see attached 450.00 |  |  |  |
|   |  |  |  | *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$450)                                     |  |  |  |

| SUBMITTED BY      |                  |                                   | Complete (if applicable) |           |              |
|-------------------|------------------|-----------------------------------|--------------------------|-----------|--------------|
| Name (Print/Type) | DAVID B. RITCHIE | Registration No. (Attorney/Agent) | 31,562                   | Telephone | 408.292.5800 |
| Signature         |                  | Date                              | 7-29-2004                |           |              |

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing this form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.